BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

SCHEDULE - B

Construction of Open Air Theater at Ward No.07 in Byatarayanapura Assembly Constituency

SNo	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
1	30.26	KSRB 2 - 1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeeding 50 m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum	271.61	Rupees Two Hundred Seventy One And Paise Sixty One Only
2	127.77	KSRB 2-2.2: Earthwork excavation by manual means for foundation of buildings,water supply,sanitary lines and electrical conduits either in pis or in trenches1.5m and above in width,in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits & trenches ,stacking the excavated soil clear from the edges of excavation with lead upto 50m after breaking of clods complete as per specifications.	Cum	489.77	Rupees Four Hundred Eighty Nine And Paise Seventy Seven Only
3	100.85	KSRB-3.2 : Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipements, complete as per specifications. (Plinth area of the building at ground floor only shall be measured).	Sqm	115.62	Rupees One Hundred Fifteen And Paise Sixty Two Only
4	64.42	KSRB4-1.3:- Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed concrete laid layers not exceeding 15cms thick well compacted in foundation and plinth including cost of all materials, labour. HOM of mahinery, curing complete as per specifications .	Cum	5565.26	Rupees Five Thousand Five Hundred Sixty Five And Paise Twenty Six Only
5	29.33	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, Pedastals, retaining walls, return walls (any thickness) including attached pilasters, columns, pillars, posts, struts, bed blocks, anchor blocks and Plinth etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	Cum	6339.73	Rupees Six Thousand Three Hundred Thirty Nine And Paise Seventy Three Only

Contractor

Executive Engineer
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No	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
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6	111.95	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layers by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications.	Cum	219.25	Rupees Two Hundred Nineteen And Paise Twenty Five Only
7	148.40	KSRB5.2.2: Providing and constructing granite/trap/basalt size stone masonry in foundation with cement mortor 1:8,stone hammer dressed in courses less than 20 cms high.bond stones at 2 m apart in each course, including cost of all materials ,labour, curing complete as per specification.	Cum	4902.06	Rupees Four Thousand Nine Hundred Two And Paise Six Only
8	133.86	KSRB 4.2.7 :Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	Cum	6593.89	Rupees Six Thousand Five Hundred Ninety Three And Paise Eighty Nine Only
9	45.00	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specification	Sqm	281.43	Rupees Two Hundred Eighty One And Paise Forty Three Only
10	917.51	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.	Sqm	318.51	Rupees Three Hundred Eighteen And Paise Fifty One Only
11	91.04	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications.	Sqm	497.40	Rupees Four Hundred Ninety Seven And Paise Forty Only
12	16.14	KSRB 4-6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications.	Sqm	436.32	Rupees Four Hundred Thirty Six And Paise Thirty Two Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
13	5.22	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20 kgs, with 12mm and down size graded granite metal coarse aggregates @ 0.05865 cum and line agregtes @ 0.0391 cum, with superplastisiser @ 0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing complete but cxcluding cost of reinforcement as per specifications.	Sqm	541.04	Rupees Five Hundred Forty One And Paise Four Only
14	5.22	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification.	Sqm	352.33	Rupees Three Hundred Fifty Two And Paise Thirty Three Only
15	18.30	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Tonne	70859.46	Rupees Seventy Thousand Eight Hundred Fifty Nine And Paise Forty Six Only
16	189.00	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/cum having a minimum average compressive strength of 4.00N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding , curing , hire charges of machineries etc., complete as per specfications . KBS No.5.4 with solid concrete blocks of size 40x20x20cm	Sqm	1049.35	Rupees One Thousand Forty Nine And Paise Thirty Five Only
17	59.70	KSRB 5-14.1 : Providing and constructing non load beraing wall with solid concrete blocks of size 400x100x200mm having block density not less than 1800 kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to I.S 2185 (Part I) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing hire charges of machineries etc. complete as per specifications.	Sqm	947.06	Rupees Nine Hundred Forty Seven And Paise Six Only
18	75.32	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification.	Sqm	3791.08	Rupees Three Thousand Seven Hundred Ninety One And Paise Eight Only

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				In figures	In words
19	75.32	Mineral Fiber accoustic suspended ceiling : Providing and laying of world class mineral acoustic ceiling panels of as per the following specification:- Tile of approved make Mineral Acoustic ceiling panels of size 595x595mm-12mm thick suitable for use in arrears up to 40 C and RH 70UR as per manufacturer. Tile have 15 min fire retardant and does not contain asbestos/urea formaldehyde, Technical details of New Modena are- Thermal conductivity Non-disposable, Light Reflection 80% fire resistance Non-resistance Non-disposable. Mineral fiber ceiling panels are placed inside the grid work.	Sqm	2497.39	Rupees Two Thousand Four Hundred Ninety Seven And Paise Thirty Nine Only
20	180.88	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including curing etc., complete.	Sqm	3865.25	Rupees Three Thousand Eight Hundred Sixty Five And Paise Twenty Five Only
21	11.40	Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%,20 mm thick grey granite @ 20%, 20mm thick, 20mm thick black granite 14%. The granite materials are laid on existing bed of CM 1:3 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide curing etc., complete as per specification.	Sqm	7848.85	Rupees Seven Thousand Eight Hundred Forty Eight And Paise Eighty Five Only
22	8.35	KSRB 14.14-5 : Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS, (Ceramic anti skid Tiles of size 400 x 400mm on a bed of 20 mm thick).	Sqm	1470.40	Rupees One Thousand Four Hundred Seventy And Paise Forty Only
23	56.85	KSRB 14-17.1: Providing skirting, dado, rises of steps with White glazed tiles 20x20cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.	Sqm	1274.05	Rupees One Thousand Two Hundred Seventy Four And Paise Five Only
24	0.20	KSRB9.4.1-Providing Math/Nandi wood frames of doors ,windows, clerestory windows, ventilatorsand other frames,wroughtframed or assembled including making plaster grooves(excluding cost of cement concrete and side clamps),but including cost of materials,labour ,HOM of machineries, complete as per specifications.	Cum	79842.20	Rupees Seventy Nine Thousand Eight Hundred Forty Two And Paise Twenty Only
25	3.78	KSRB 9.5-3 : Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures)	Sqm	4555.18	Rupees Four Thousand Five Hundred Fifty Five And Paise Eighteen Only

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				In figures	In words
26	12.00	Supply and fixing of door frame made of hollow extruded PVC Section (Nandi or Equivalent) having dimension of 40x57mm with the wall thickness of 2mm+/-0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2corners shall be metric cut/ welded..	Rmt	272.70	Rupees Two Hundred Seventy Two And Paise Seventy Only
27	2.00	Providing fixtures with made brass /SS CP of appoved quality for Main doors, Internal and Toilet doors,), (Hinges 5" heavy duty,Door Lock, Tower Bolt 300mm long, Aluminum handles - 15cms,Locking Arrangements,40mm Screws"). (Material Components)	NOs	3190.46	Rupees Three Thousand One Hundred Ninety And Paise Forty Six Only
28	3.15	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges.	Sqm	3029.15	Rupees Three Thousand Twenty Nine And Paise Fifteen Only
29	15.78	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc. complete as per specification.	Sqm	256.34	Rupees Two Hundred Fifty Six And Paise Thirty Four Only
30	132.76	KSRB 15-3.9: Providing 18mm thick cement plaster in Single coats with cement mortar 1:6 to Brick Masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. External Plastering	Sqm	267.25	Rupees Two Hundred Sixty Seven And Paise Twenty Five Only
31	232.05	KSRB 15-3.3: Providing 12mm thick cement plaster in single coat with cement mortor 1:6, to brick masonry including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Including lime rendering)	Sqm	210.52	Rupees Two Hundred Ten And Paise Fifty Two Only
32	242.90	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. Area to be considered - a) 100% for fresh surface, b) Upto 10 % for repainting.	Sqm	85.08	Rupees Eighty Five And Paise Eight Only

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				In figures	In words
33	332.90	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specification - do with primer.	Sqm	98.17	Rupees Ninety Eight And Paise Seventeen Only
34	132.76	KSRB15-16.2: Providing and finishing external walls with in two coats with water proof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortardrops and other foreign matter cost of material labour complete as per specifications with primer.	Sqm	111.26	Rupees One Hundred Eleven And Paise Twenty Six Only
35	3.78	KSRB 15-17.4 : Applying priming coat over new wood surface and/or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.	Sqm	54.54	Rupees Fifty Four And Paise Fifty Four Only
36	3.78	KSRB 15-17.16 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with coal tor paint to give even shade after cleaning the surface of all durts,dust,and foreign matter, including cost of materials, labour, complete as per specification.	Sqm	65.45	Rupees Sixty Five And Paise Forty Five Only
37	8.10	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.	Sqm	44.72	Rupees Forty Four And Paise Seventy Two Only
38	8.10	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	103.63	Rupees One Hundred Three And Paise Sixty Three Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
39	8.10	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS	Sqm	4653.35	Rupees Four Thousand Six Hundred Fifty Three And Paise Thirty Five Only
40	202.50	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.	kgs	103.63	Rupees One Hundred Three And Paise Sixty Three Only
41	10.85	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole	Sqm	1097.34	Rupees One Thousand Ninety Seven And Paise Thirty Four Only

Contractor

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
42	1.00	KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Pan	3824.34	Rupees Three Thousand Eight Hundred Twenty Four And Paise Thirty Four Only
43	1.00	KSRB 11-6: Providing & fixing white vitreous china clay , water closet European type (Pedestal type , S-Trap) with black solid plastic seat and lid . CP Brass hinges , rubber buffers, 10 litre white glazed / vitreous china clay low level flushing cistern (all are approved make) with fittings C.I. /M.S. Brackets , 40 mm diameter flush bend fittings and clamps over flow arrangement with specials and 25 mm mosquito proof coupling of approved design , painting of fittings and brackets ,cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.	Each	5243.48	Rupees Five Thousand Two Hundred Forty Three And Paise Forty Eight Only
44	2.00	KSRB 11-11.4 : Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Unit	3295.31	Rupees Three Thousand Two Hundred Ninety Five And Paise Thirty One Only
45	1.00	KSRB 11-7.1 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Each	3350.94	Rupees Three Thousand Three Hundred Fifty And Paise Ninety Four Only
46	4.00	KSRB 13-6,1-2:Providing and fixing in position brass bib cock of approved quality 25 mm dia nominal bore including cost of materials, labour HOM of equipments with all leads complete with specifications	Each	257.43	Rupees Two Hundred Fifty Seven And Paise Forty Three Only
47	10.00	Providing and fixing to wall, ceiling and floor unplasticised PVC 6kgs/sqm working pressure with pipe fittings, walll clips etc. and making good the wall , ceiling and floor for sanitary pipe lines including cost of all materials, labour HOM of acquirements and testing complete as per specifications.a) 110 mm dia	Rmt	473.41	Rupees Four Hundred Seventy Three And Paise Forty One Only
48	12.00	Providing and fixing to wall, ceiling and floor unplasticised PVC 6kgs/sqm working pressure with pipe fittings, walll clips etc. and making good the wall , ceiling and floor for sanitary pipe lines including cost of all materials, labour HOM of acquirements and testing complete as per specifications.b) 140 mm dia	Rmt	750.47	Rupees Seven Hundred Fifty And Paise Forty Seven Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
49	6.00	Providing and fixing rigid PVC bend of required degree (of approved make) for S.W.R. drainage pipes of approved including lubricating.	Each	567.22	Rupees Five Hundred Sixty Seven And Paise Twenty Two Only
50	6.00	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4 as per directions of 12.5cms x 7.5cms (Rate is inclusive of cost of materials and fixtures and conveyanceof materials to work spot).	Each	310.88	Rupees Three Hundred Ten And Paise Eighty Eight Only
51	15.00	Providing and laying reinforced cement concrete pipe NP3 of 300mm dia for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications.	m	1672.20	Rupees One Thousand Six Hundred Seventy Two And Paise Twenty Only
52	1.00	KSRB 12-5.3 : Constructing brick masonry circular type manhole 1.22 m internal dia at bottom, 1.68 m deep and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately)	No.	31980.07	Rupees Thirty One Thousand Nine Hundred Eighty And Paise Seven Only
53	1.00	KSRB 12-8.3 : Constructing brick masonry inspection chamber 600x850mm, and 450mm depth, (clear inside dimension) for pipeline with three or more inlets, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal , foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.	Each	9849.92	Rupees Nine Thousand Eight Hundred Forty Nine And Paise Ninety Two Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
54	10.00	Providing and fixing CPVC pipes confirming to IS 15778 , having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mt spacing . This includes jointing of pipes and fittings with one stepCPVC Solvent cement and cost of cutting chases and making good the same including testing of joints complete (concealed work including cutting chasea and good the walls etc.) 32mm dia	Rmt	246.52	Rupees Two Hundred Forty Six And Paise Fifty Two Only
55	15.00	Providing and fixing CPVC pipes confirming to IS 15778 , having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mt spacing . This includes jointing of pipes and fittings with one stepCPVC Solvent cement and cost of cutting chases and making good the same including testing of joints complete (concealed work including cutting chasea and good the walls etc.) 25mm dia	Rmt	195.25	Rupees One Hundred Ninety Five And Paise Twenty Five Only
56	6.00	KSRB-13-6.2-4 Providing and fixing in position brass stop cock of approved quality 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(	Each	151.62	Rupees One Hundred Fifty One And Paise Sixty Two Only
57	1.00	Providing and fixing in position brass gate valve with C.I. Wheel of approved quality (screed end) 5 mm nominal bore including cost of all materials , labour , HOM of equipments ith all lead , complete as per specifications	Nos	905.36	Rupees Nine Hundred Five And Paise Thirty Six Only
58	229.89	KSRB 2 - 2.1: Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in ordinary soil not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	326.15	Rupees Three Hundred Twenty Six And Paise Fifteen Only
59	6.00	KSRB 12-1.2 : Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications. Specification	Rmt	401.41	Rupees Four Hundred One And Paise Forty One Only
60	24.00	Refilling available earth around the pipeline, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications.	cum	131.99	Rupees One Hundred Thirty One And Paise Ninety Nine Only
61	2.00	Providing stoneware gully trap of approved quality and make fixing inm-15 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and lead). (15cms x10cms)	Each	305.42	Rupees Three Hundred Five And Paise Forty Two Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
62	6.00	KSRB - 13-3-6 Providing and fixing in trenches galvanised medium grade 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipments and testing complete as per specifications (From Sump to OHT)(	Rmt.	558.49	Rupees Five Hundred Fifty Eight And Paise Forty Nine Only
63	2.00	KSRB - 13-7-1.4 Providing and fixing 50mm dia nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials,labour charges,HOM of equipments and testing complete as per specifications	No.	1450.76	Rupees One Thousand Four Hundred Fifty And Paise Seventy Six Only
64	1.00	KSRB - 13-11.1 Providing and placing on terrace , polyethylene water storage tanks (1000 ltr capacity)	No.	7447.98	Rupees Seven Thousand Four Hundred Forty Seven
65	13.12	Earthwork excavation for foundation of structures as per drawings and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising /tramsporting the remaining earth locally upto1.0kms lead - Ordinary Rock (not required blasting)- Manual means	Cum	74.17	Rupees Seventy Four And Paise Seventeen Only
66	42.79	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC Cement @220kgs with 40mm and down size graded granite metal coarse aggregate @0.892 cum and fine aggregates @0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, 110M of machinery, curing complete as per specifications . Specification	Cum	5665.62	Rupees Five Thousand Six Hundred Sixty Five And Paise Sixty Two Only
67	1.83	KSRB 4-4.1 Extra for use of water proofing compound in Cement concrete of mix 1:1:2, at one kg of compound per bag of cement. (	Cum	227.98	Rupees Two Hundred Twenty Seven And Paise Ninety Eight
68	23.92	KSRB 15-3.10: Providing 20 mm thick cement plaster in single coat with CM 1:3 to stone masonry / concrete surface including rounding off corners wherever required smooth rendering: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification	Sqm	315.24	Rupees Three Hundred Fifteen And Paise Twenty Four Only
69	0.36	Providing and fixing MS door for sump including cost of labour, materials and one coat of primer paint and two coats of enamel painting etc, as directed by the engineer in charge of work	Sqm	3817.80	Rupees Three Thousand Eight Hundred Seventeen And Paise Eighty Only
70	1.00	Supplying, installing, testing and commissioning of Submersible Pump (2 HP/1.5KW 25 STAGE) of adequate HP capable of giving required discharge at suitable head to work on 1 phase 50Hz 400/400 V with necessary unions, flanges, foundations bolts RCC footing etc., complete with25meter head with 1.0lps conditions. (1no. working and 1no. Standby). Make=Kirlosker (Basicv rate 19000 Taxes 5.50% = 20000) Sump to Over Head tank & Bio Medical Chamber TO IC (MATERIAL COMPONENTS	Sqm	20200.00	Rupees Twenty Thousand Two Hundred Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
71	170.00	Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 19/20mm dia 2mm thick	Mtr	50.50	Rupees Fifty And Paise Fifty Only
72	55.00	Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.b) 25mm dia 2mm thick	Mtr	65.65	Rupees Sixty Five And Paise Sixty Five Only
73	40.00	Concealed Conduit System: Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick confirmingto IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary.(Page No. 2, Item No.1.2.1 & 1.2.2)a) 19/20mm dia 2mm thicka) 19/20mm dia 2mm thick	Mtr	40.40	Rupees Forty And Paise Forty Only
74	60.00	Concealed Conduit System: Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick confirmingto IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary.(Page No. 2, Item No.1.2.1 & 1.2.2)a) 19/20mm dia 2mm thickb) 25mm dia 2mm thick	Mtr	53.53	Rupees Fifty Three And Paise Fifty Three Only
75	45.00	Groove Cutting : Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, by groove cutting in wall and fixing by using U or J hooks and cement plastering up to the wall surface and run with 18SWG GI fish wire through out the conduit where ever necessary.a) 19/20mm dia 2mm thick	Mtr	51.51	Rupees Fifty One And Paise Fifty One Only
76	60.00	Groove Cutting : Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, by groove cutting in wall and fixing by using U or J hooks and cement plastering up to the wall surface and run with 18SWG GI fish wire through out the conduit where ever necessary.b) 25mm dia 2mm thick	Mtr	54.54	Rupees Fifty Four And Paise Fifty Four Only
77	15.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C walla) 1-3Way	Each	95.95	Rupees Ninety Five And Paise Ninety Five Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
	15.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wallb) 4-5Way	Each	106.05	Rupees One Hundred Six And Paise Five Only
79	15.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wallc) 6Way	Each	126.25	Rupees One Hundred Twenty Six And Paise Twenty Five Only
80	10.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C walld) 8Way	Each	146.45	Rupees One Hundred Forty Six And Paise Forty Five Only
81	10.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C walle) 10-12Way	Each	166.65	Rupees One Hundred Sixty Six And Paise Sixty Five Only
82	15.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.a) 1-3Way	Each	111.10	Rupees One Hundred Eleven And Paise Ten Only
83	15.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.b) 4-5Way	Each	126.25	Rupees One Hundred Twenty Six And Paise Twenty Five Only
84	10.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.c) 6Way	Each	176.75	Rupees One Hundred Seventy Six And Paise Seventy Five Only
85	15.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.d) 8Way	Each	202.00	Rupees Two Hundred Two Only
86	15.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.e) 10-12Way	Each	232.30	Rupees Two Hundred Thirty Two And Paise Thirty Only
87	15.00	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293. a) 6Amps one way	Each	70.70	Rupees Seventy And Paise Seventy Only
88	15.00	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293. b) 6Amps 3way socket	Each	106.05	Rupees One Hundred Six And Paise Five Only
89	10.00	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293. c) Stepped Fan Regulator	Each	292.90	Rupees Two Hundred Ninety Two And Paise Ninety Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
90	20.00	supplying and wiring adopting loop system in existing PVC conduit / casing capping using 1100 v grade , copper conductor flexible multistrand FRLS PVC insulated, 2 x1.5sq.mm cable confirming to the GTP, without switch, the other end of the wires shall be terminated with sufficient loose length in a wood /PVC cound block. complete for each outlet. A)Short point up to 3Mtr from tapping point to out let via switch box	Each	202.00	Rupees Two Hundred Two Only
91	20.00	supplying and wiring adopting loop system in existing PVC conduit / casing capping using 1100 v grade , copper conductor flexible multistrand FRLS PVC insulated, 2 x1.5sq.mm cable confirming to the GTP, without switch, the other end of the wires shall be terminated with sufficient loose length in a wood /PVC cound block. complete for each outlet.b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box	Each	277.75	Rupees Two Hundred Seventy Seven And Paise Seventy Five Only
92	12.00	c) Long point above 6Mtr up to 10Mtr from tapping point to out let via switch box	Each	404.00	Rupees Four Hundred Four Only
93	6.00	d) Two Outlet in a row, above 3.0M unto 6.0M from tapping point to outlet via switch box.	Each	530.25	Rupees Five Hundred Thirty And Paise Twenty Five Only
94	6.00	e) Three Outlet in a row, above 6.0M unto 10.0M from tapping point to outlet via switch box.	Each	757.50	Rupees Seven Hundred Fifty Seven And Paise Fifty Only
95	6.00	Supplying and fixing metal Fan box with Round Hook.	Each	85.85	Rupees Eighty Five And Paise Eighty Five Only
96	55.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper with low conductor resistance single core cable in open or concealed system of wiring with specified IS-694:1990 & comfirming to GTP of Group-A .1.5 sqmm	Mtr	20.71	Rupees Twenty And Paise Seventy Only
97	55.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper with low conductor resistance single core cable in open or concealed system of wiring with specified IS-694:1990 & comfirming to GTP of Group-A .2.5 sqmm	Mtr	32.32	Rupees Thirty Two And Paise Thirty Two Only
98	40.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper with low conductor resistance single core cable in open or concealed system of wiring with specified IS-694:1990 & comfirming to GTP of Group-A .25mm dia 2mm thick	Mtr	42.52	Rupees Forty Two And Paise Fifty Two Only
99	44.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper with low conductor resistance single core cable in open or concealed system of wiring with specified IS-694:1990 & comfirming to GTP of Group-A . 6 sqmm	Mtr	70.70	Rupees Seventy And Paise Seventy Only
100	25.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper with low conductor resistance single core cable in open or concealed system of wiring with specified IS-694:1990 & comfirming to GTP of Group-A . 10 sqmm	Mtr	116.15	Rupees One Hundred Sixteen And Paise Fifteen Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
101	20.00	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mountin using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting. Made out of 14 SWG M.S enclosure.a) 4 way TP & N	Mtr	2676.50	Rupees Two Thousand Six Hundred Seventy Six And Paise Fifty Only
102	10.00	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mountin using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting. Made out of 14 SWG M.S enclosure.b) 12 way SP & N	Mtr	1818.00	Rupees One Thousand Eight Hundred Eighteen Only
103	20.00	Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker [ELMCB] 240/250V upto 300mA sensitivity on existing wood/panel board. 6-32Amps SP	Each	438.34	Rupees Four Hundred Thirty Eight And Paise Thirty Four Only
104	15.00	Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker [ELMCB] 240/250V upto 300mA sensitivity on existing wood/panel board. 6-32Amps TPN	Each	1732.15	Rupees One Thousand Seven Hundred Thirty Two And Paise Fifteen
105	2.00	Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker [ELMCB] 240/250V upto 300mA sensitivity on existing wood/panel board	Each	2323.00	Rupees Two Thousand Three Hundred Twenty Three Only
106	25000.00	Fabricating supplying and mounting MS box made out ...SWG suitable for floor I wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sqcm	0.40	Rupees And Paise Forty Only
107	2.00	Supplying .....amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenoliciFRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 100Amps 4x30x6mm Aluminum Strips	mtr	2070.50	Rupees Two Thousand Seventy And Paise Fifty Only
108	165.00	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved painta) 40x40x6 mm	mtr	257.55	Rupees Two Hundred Fifty Seven And Paise Fifty Five Only
109	10.00	Supplying fixing angle iron frame work fabricated out of M.S angle iron .. And m.S flat.... With bolts, washers etc., and painted with two coats of red oxide and then two coats of approved paint.b) 50x100x50x6 mm	mtr	636.30	Rupees Six Hundred Thirty Six And Paise Thirty Only
110	4.00	Supplying and fixing Moulded Case Circuit Breaker (MCCB) .over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Ieu= Ics) FOUR POLE 100Amps 25kA	Each	6464.00	Rupees Six Thousand Four Hundred Sixty Four Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
111	1.00	Supplying of multi function degital meter with three line backlight LCD type display for voltage , current frequency, power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54degree of protection and completely wired as required with communication port and class 0.5s accuracy	Each	7827.50	Rupees Seven Thousand Eight Hundred Twenty Seven And Paise Fifty Only
112	2.00	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board.	Each	380.77	Rupees Three Hundred Eighty And Paise Seventy Seven
113	2.00	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound (	Each	472.68	Rupees Four Hundred Seventy Two And Paise Sixty Eight Only
114	1.00	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C (	Each	434.30	Rupees Four Hundred Thirty Four And Paise Thirty Only
115	2.00	Supplying of on over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. 125Amps	Each	7171.00	Rupees Seven Thousand One Hundred Seventy One
116	2.00	Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)63mm dia	Each	391.88	Rupees Three Hundred Ninety One And Paise Eighty Eight
117	15.00	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.50 sqmm Long Barrel	Each	60.60	Rupees Sixty And Paise Sixty Only
118	15.00	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.6 sqmm	Each	7.07	Rupees Seven And Paise Seven Only
119	2.00	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm alround with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.	Each	4191.50	Rupees Four Thousand One Hundred Ninety One And Paise Fifty Only
120	25.00	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. (Page No. 55, Item No. 6.3.2) GI strip 25x6mm	Mtr	116.15	Rupees One Hundred Sixteen And Paise Fifteen Only
121	10.00	Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 2x4' - 20/22 watts	Each	631.25	Rupees Six Hundred Thirty One And Paise Twenty Five Only
122	10.00	Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamp.	Each	184.83	Rupees One Hundred Eighty Four And Paise Eighty Three Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
123	6.00	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system.56" Sweep (1400mm) Regular moduel	Each	2148.27	Rupees Two Thousand One Hundred Forty Eight And Paise Twenty Seven Only
124	10.00	Fixing all types and all capacities fluorescent / false ceiling/spotlight/ CFLfittings indoor on the wall/ ceiling/rafters / girders using 23/0.0076" twin twisted RVC insulated wires, required nos of round blocks and clamps (if required)	Each	111.10	Rupees One Hundred Eleven And Paise Ten Only
125	10.00	Fixing fluorescent light using 2mtr long 19mm 18 SWG enameled braised conduit of two Nos. rod pendent with ball socket with check nuts all nickel plated	Each	496.92	Rupees Four Hundred Ninety Six And Paise Ninety Two Only
126	6.00	Fixing a ceiling /Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps.ceiling rose,necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire of approved quality, mounted on a suitable aize wooden board and wired	Each	262.60	Rupees Two Hundred Sixty Two And Paise Sixty Only
127	6.00	Fixing a ceiling fan with extra length of GI pipe of class B 19mm dia for down rod	Each	161.60	Rupees One Hundred Sixty One And Paise Sixty Only
128	10.00	LED Street light/Flood Light. Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs. 50000 hr. @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4 KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools.	Nos	12423.00	Rupees Twelve Thousand Four Hundred Twenty Three Only
129	15.00	LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI 75+. housing with supplier word mark / name shall be engraved / Embossing on the die cast housing / body part. . Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacturer. Suitable for A1/A2 Roads as per IS 1944 Part I & Part II200 Watts	Nos	17675.00	Rupees Seventeen Thousand Six Hundred Seventy Five Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
130	8.00	Supplying of LED Floodlight/High Baylight with .....W System Power consumption pressure die cast aluminum housing with powder coating with IP 65 protection. 1, 200-275V voltage with electronic Driver, PF>0.9, should meet ANSI 2G Vibration test, Compliance to UL/CE with Class I. System rating shall be 50K hrs. @ Lumen maintenance of 70%, system efficacy > 80lm/w. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical	Nos	10352.50	Rupees Ten Thousand Three Hundred Fifty Two And Paise Fifty Only
131	4.00	Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Driver operates with voltage range from 100V to 270V 50/60 Hz with short circuit, overload & mis-wiring protection. Lumen Maintenance of 70% at 50000 Hrs. Injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction temperature shall be < 70 degree Celsius. Driver is on constant current driver @ 0.06A with PF > 0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens with < 80mm depth. 5 years Warranty against any manufacturing defect working under standard electrical condition . LED modular down light 2'x2'-36 watts	Nos	5252.00	Rupees Five Thousand Two Hundred Fifty Two Only
132	2.00	Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Driver operates with voltage range from 100V to 270V 50/60 Hz with short circuit, overload & mis-wiring protection. Lumen Maintenance of 70% at 50000 Hrs. Injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction temperature shall be < 70 degree Celsius. Driver is on constant current driver @ 0.06A with PF > 0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens with < 80mm depth. 5 years Warranty against any manufacturing defect working under standard electrical condition .LED modular down light 2'x2'-55 watts	Nos	5656.00	Rupees Five Thousand Six Hundred Fifty Six Only

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	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
133	4.00	Fabricating, supplying and erecting swaged tubular pole of height ...Mtr having three sections, and providing two coats of red oxide paint and finished with two coats of enameled paint of approved quality and colour and M.S. base plate of suitable size welded at the bottom of the pole(as per IS) and 40mm dia GI / flexible PVC pipe of 1 mtr length fitted to the heavy gauge polycarbonate control box including 5way connector of size 167x125x82mm for 7.5M pole/200x160x98mm for remaining length of pole with front opening cover, with locking arrangements and suitable capacity MCB / DP switch, The pole shall be erected in cement concrete work (1:2:4) including excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be up to 0.6M above ground level as per IS 2713 - 7. Erection of heavy duty pole on Footpath / median 10Mt (5Mt Hb,165.1mm dia 4.85mm thick x3M Hm, 139.7mm dia 4.50mm thick x 2M Ht,114.3mm dia 3.65mm thick) as per IS 410 SP 47	Nos	16887.20	Rupees Sixteen Thousand Eight Hundred Eighty Seven And Paise Twenty Only
134	75000.00	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.16SWG	Sqcm	0.35	Rupees And Paise Thirty Five Only
135	20.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32Amps SP	Nos	438.34	Rupees Four Hundred Thirty Eight And Paise Thirty Four Only
136	115.00	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. A) 4 core 16 sqmm	Mtrs	151.50	Rupees One Hundred Fifty One And Paise Fifty Only
137	95.00	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A 6)3.5 core 35 sqmm	Mtrs	227.25	Rupees Two Hundred Twenty Seven And Paise Twenty Five Only
138	150.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 6 sqmm to 16 sqmm	Mtrs	12.00	Rupees Twelve Only
139	120.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 25 sqmm to 75 sqmm	Mtrs	15.66	Rupees Fifteen And Paise Sixty Six Only

Contractor

Executive Engineer
Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Approved Rates quoted by Sri. Venkatesh Gowda S D	
				In figures	In words
	120.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (hord)	Mtrs	103.02	Rupees One Hundred Three And Paise Two Only
141	60.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B. 1)1 sqmm.	Mtrs	14.14	Rupees Fourteen And Paise Fourteen Only
142	70.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B. 2)1.5 sqmm	Mtrs	20.20	Rupees Twenty And Paise Twenty Only
143	40.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B.3)2.5 sqmm	Mtrs	32.32	Rupees Thirty Two And Paise Thirty Two Only
144	40.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B. 4)4 sqmm	Mtrs	45.45	Rupees Forty Five And Paise Forty Five Only
145	30.00	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm	Mtrs	338.35	Rupees Three Hundred Thirty Eight And Paise Thirty Five Only
146	20.00	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Nos	1936.17	Rupees One Thousand Nine Hundred Thirty Six And Paise Seventeen Only
147	83.70	KSRRB M200-15.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar. MORTH Specification No. 202	Cum	382.87	Rupees Three Hundred Eighty Two And Paise Eighty Seven Only
148	54.00	KSRB 15.1.2 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining,including cost of materials,labour,curing complete as per Specifications.	Sqm	152.71	Rupees One Hundred Fifty Two And Paise Seventy One Only

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